FORM PTO 1449		
ATTY DOCKET NO.: 133-01	SERIAL NO.: 10/008,575	FILING DATE: November 7, 2001
APPLICANT: Mitch and Du	Confirmation No.: 6630	Group: 1645

U.S. PATENT DOCUMENTS

		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes/No
D.A.D.	1	WO 01/74381 A2	10/11/01	WO	A61K 38/55	48/00	
D.A.D.	2	WO 00/49139	08/24/00	WO	C12N 9/00		

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

D.A.D.		3	Bailey, J.L. et al., "The acidosis of chronic renal failure activates muscle proteolysis in rats by augmenting transcription of genes encoding proteins of the ATP-dependent, ubiquitin-proteasome pathway" (March 1996) J. Clin. Invest. 97(6):1447-1453
D.A.D.		4	Baracos, V.E. et al., "An in vitro preparation of the extensor digitorum communis muscle from the chick (gallus domesticus) for studies of protein turnover" (1989) Comp. Biochem. Physiol. 92A(4):555-563
D.A.D.		5	Du, J. et al., "Glucocorticoids induce proteasome c3 subunit expression in l6 muscle cells by opposing the suppression of its transcription by NF-$_k$B" (June 30, 2000) J. Biol. Chem. 275(26):19661-19666
D.A.D.		6	Du, J. et al., "proteasome-mediated degradation of myofibrillar proteins in L6 muscle cells: a caspase-dependent mechanism for actin proteolysis induced by acidification" (September 1999) J. Am. Soc. Of Nephrology 10 (Program and Abstract Issue) pg. A657A, Abstract A3332
D.A.D.		7	Huang, J. and Forsberg, N.E., "Role of calpain in skeletal-muscle protein degradation" (October 1998) Proc. Natl. Acad. Sci. USA 95:12100-12105
D.A.D.		8	Isozaki, Y. et al., "Protein degradation and increased mRNAs encoding proteins of the ubiquitin-proteasome proteolytic pathway in BC_3H1 myocytes require an interaction between glucocorticoids and acidification" (March 1996) Proc. Natl. Acad. Sci. USA 93:1967-1971
D.A.D.		9	Lecker, S.H. et al., "Muscle protein breakdown and the critical role of the ubiquitin-proteasome pathway in normal and disease states" (January 1999) J. Nutr. 129:227S-237S
D.A.D.		10	Mashima, T. et al., "Actin cleavage by CPP-32/apopain during the development of apoptosis" (1997) Oncogene 14:1007-1012
D.A.D.		11	May, R.C. et al., "Glucocorticoids and acidosis stimulate protein and amino acid catabolism *in vivo*" (1996) Kidney Int. 49:679-683
D.A.D.		12	May, R.C. et al., "Metabolic acidosis stimulates protein degradation in rat muscle by a glucocorticoid-dependent mechanism" (February 1986) J. Clin. Invest. 77:614-621
D.A.D.		13	Mitch, W.E. et al., "Evaluation of signals activating ubiquitin-proteasome proteolysis in a model of muscle wasting" (May 1999) Amer. J. Physiol. 276:C1132-C1138

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D.A.D.		14	Mitch, W.E. and Goldberg, A.L., "Mechanisms of muscle wasting: The role of the ubiquitin-proteasome pathway" (1996) N. Engl. J. Med. 335(25):1897-1905
D.A.D		15	Mitch, W.E. et al., "Mechanisms causing muscle proteolysis in uremia: the influence of insulin and cytokines" (July-December 1999) Mineral and Electrolyte Metabolism 25(4-6):216-219
D.A.D		16	Price, S.R. et al., "Molecular mechanisms regulating protein turnover in muscle" (January 2001) Am. J. of Kidney Diseases 37(1suppl 2):S112-S114
D.A.D.		17	Price, S.R. et al., "Muscle wasting in insulinopenic rats results from activation of the ATP-dependent, ubiquitin-proteasome proteolytic pathway by a mechanism including gene transcription" (1996) J. Clin. Invest. 98:1703-1708
D.A.D		18	Solomon, V. et al., "The N-end rule pathway catalyzes a major fraction of the protein degradation in skeletal muscle" (September1998) J. Biol. Chem. 273(39):25216-25222
D.A.D		19	Solomon, V. et al., "Rates of ubiquitin conjugation increase when muscles atrophy, largely through activation of the N-end rule pathway" (October 1998) Proc. Natl. Acad. Sci. USA 95:12602-12607
D.A.D		20	Solomon, V. and Goldberg, A.L., "Importance of the ATP-ubiquitin-proteasome pathway in degradation of soluble and myofibrillar proteins in rabbit muscle extracts" (October 25, 1996) J. Biol. Chem. 271(43):26690-26697
D.A.D		21	Song, Q. et al., "Resistance of actin to cleavage during apoptosis" (January 1997) Proc. Natl. Acad. Sci. USA 94:157-162
D.A.D		22	Thornberry, N.A. and Lazebnik, Y., "Caspases: enemies within" (1998) Sci. 281(5381):1312-1316
D.A.D		23	Tiao, G. et al., " Energy-ubiquitin-dependent muscle proteolysis during sepsis in rats is regulated by glucocorticoids" (January 1996) J. Clin. Invest. 97(2):339-348
D.A.D		24	Villa, P. G. et al., "Calpain inhibitors, but not caspase inhibitors, prevent actin proteolysis and DNA fragmentation during apoptosis"" (1998) J. Cell Science 111:713-722
D.A.D		25	Waterhouse, N.J. et al., "Calpain activation is upstream of caspases in radiation-induced apoptosis" (1998) Cell Death and Differentiation 5:1051-1061
D.A.D		26	Williams, A.B. et al., "Sepsis stimulates release of myofilaments in skeletal muscle by a calcium-dependent mechanism" (August 1999) FASEB J. 13(11):1435-1443

EXAMINER [signature] **DATE CONSIDERED** 9-24-03

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